Message

From: Hardin, Erik [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=452E2CDBFF8646EAB1DA8A590CD21236-EHARDIN]

Sent: 3/3/2014 2:44:04 PM

To: Ballinger, Tamara [Tamara.McPeek@epa.ohio.gov]; Dave.Kearns@CH2M.com; Keshia.Kinney@daytonohio.gov;

James.Shoemaker@daytonohio.gov

Subject: RE: Behr Datyon Thermal Systems VOC Plume Site Wide Monitoring. March 2014
Attachments: Behr Dayton Thermal System VOC Plume Site RI-FS QAPP Jun10.pdf

June 2010. It is to be updated with a little 2 page memo for this sampling, but that is really only relevant to the lab.

D. Erik Hardin Remedial Project Manager U.S. EPA, Region 5 (SR-6J) 77 W. Jackson Blvd. Chicago, IL 60604 (312) 886-2402

From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Monday, March 03, 2014 8:38 AM

To: Hardin, Erik; Dave.Kearns@CH2M.com; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Subject: RE: Behr Datyon Thermal Systems VOC Plume Site Wide Monitoring. March 2014

Erik,

I need to talk to SIFU to see if they are available and I'll get back to you. Also, can you please forward me the QAPP or give me the date of the approved version so I know I have the correct one?

Thanks, Tammy

From: Hardin, Erik [mailto:hardin.erik@epa.gov]

Sent: Monday, March 03, 2014 9:23 AM

To: Ballinger, Tamara; Dave.Kearns@CH2M.com; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Subject: RE: Behr Datyon Thermal Systems VOC Plume Site Wide Monitoring. March 2014

Dave and I just discussed this. It would be great if Ohio EPA could sample these wells, assuming you would have no problems using the sampling procedures from the QAPP and having Hill handle the samples with the rest of the samples from this event.

Thanks, Erik

D. Erik Hardin
Remedial Project Manager
U.S. EPA, Region 5 (SR-6J)
77 W. Jackson Blvd.
Chicago, IL 60604
(312) 886-2402

From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Monday, March 03, 2014 8:02 AM

To: Dave.Kearns@CH2M.com; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Cc: Hardin, Erik

Subject: RE: Behr Datyon Thermal Systems VOC Plume Site Wide Monitoring. March 2014

Dave,

Are you interested in having SIFU sample the wells owned by Ohio EPA?

Tammy

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Wednesday, February 26, 2014 6:58 PM

To: Ballinger, Tamara; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Cc: hardin.erik@epa.gov

Subject: Behr Datyon Thermal Systems VOC Plume Site Wide Monitoring, March 2014

USEPA has requested CH2M HILL to perform a Site Wide groundwater sampling event at the Behr Dayton Thermal System VOC Plume Site in March 2014. The plan is to sample approximately 232 wells for VOCs only.

The attached table lists 58 wells that are not under the control of USEPA. These wells are owned by the Ohio EPA, the City of Dayton or private entities.

CH2M HILL will be sampling from March 3 to March 13 and from March 18 to March 25.

CH2M HILL is prepared to sample any of the listed wells. If we can sample the well please insert "CH" in column V or W. If we cannot have access to sample please insert OEPA or COD under column V or W.

If CH2M HILL cannot be granted access during the sampling period, CH2M HILL will be available, <u>at your convince</u>, to assist with sampling, or provide sample containers if CH2M HILL is not permitted to perform the sampling. Please let us know your schedules by adding dates to the attached table under the comments heading.

If there are wells listed in the table that cannot be sampled or no longer exist, please let us know. There may be other nearby wells that can be substituted.

Also, column U in the table lists the entity that is believed to own or control each well. If this data is in error please let us know so it can be corrected in the master database.

Your assistance is greatly appreciated.

Please contact me with any questions.

Thanks

Dave

Do it Safely or Not at All

Kearns, David Project Manager CH2M HILL One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937.220.2947 Fax -- 937.228.7572 Cell -- 937.272.6559 *******************

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From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Wednesday, February 26, 2014 1:27 PM

To: Kearns, David/DAY; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Dave,

I'm working on getting well keys and site access. Which Ohio EPA sites and wells will you also need to sample? And do you have specific sampling dates for those sites? Some of the sites won't give us keys and instead we have to meet with their representative to get access, so the more specific the better.

Tammy

From: <u>Dave.Kearns@CH2M.com</u> [mailto:Dave.Kearns@CH2M.com]

Sent: Monday, February 24, 2014 7:23 AM

To: Ballinger, Tamara; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

The groundwater snapshot is confirmed for March 11.

More info to follow.

Thank-you for your patience.

Dave

Do it Safely or Not at All

Kearns, David
Project Manager
CH2M HILL.
One South Main Street, Suite 1100
Dayton, OH 45402
Direct - 937.220.2947
Fax -- 937.228 7572
Cell -- 937.272 6559

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From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Monday, February 24, 2014 7:13 AM

To: Kearns, David/DAY; Keshia.Kinney@daytonohio.gov; James.Shoemaker@daytonohio.gov

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Yes, that works for us.

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Friday, February 21, 2014 3:50 PM

To: Keshia.Kinney@daytonohio.gov; Ballinger, Tamara; James.Shoemaker@daytonohio.gov

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Tammy will March 11 work for Ohio EPA?

If so we have a wrap.

Dave

Do It Safely or Not at All

Keams, David Project Manager CH2M HILL One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937.220.2947 Fax - 937.228.7572

Cell -- 937.272.6559

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From: Kinney, Keshia [mailto:Keshia.Kinney@daytonohio.gov]

Sent: Friday, February 21, 2014 3:36 PM

To: Kearns, David/DAY; <u>Tamara.McPeek@epa.ohio.gov</u>; Shoemaker, James

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

March 11th works for the City.

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Friday, February 21, 2014 3:33 PM

To: Kinney, Keshia; To: Kinney, Shoemaker, James

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Can we agree on March 11?

Thanks

Do It Safely or Not at All

Keams, David
Project Manager
CH2M HILL.
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From: Kinney, Keshia [mailto:Keshia.Kinney@daytonohio.gov]

Sent: Friday, February 21, 2014 3:30 PM

To: Kearns, David/DAY; Tamara.McPeek@epa.ohio.gov; Shoemaker, James

Cc: hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

The City can do either the first or second week in March. We will need one day during the first week of March to complete required OEPA monitoring of the distribution system.

Thanks,

Keshia

Sincerely,

Keshia L. Kinney Water Treatment Technical Supervisor City of Dayton-Water Supply & Treatment 937-333-6093 phone 937-234-1568 fax

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Friday, February 21, 2014 3:01 PM

To: Tamara.McPeek@epa.ohio.gov; Kinney, Keshia; Shoemaker, James

Cc: hardin.erik@epa.gov

Subject: FW: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Available Dates: Need one Day for the Depth to Water snapshot.

Jim, collection of samples from City wells-CH can accommodate the City's schedule, independent of the depth measurements.

Ohio EPA: March 6, 7, 10, 11, 13, 14

City of Dayton: March 4th and 5th work best for us. The end of the week no so much so.

CH2M HILL: March 4 thru March 12. We can only work 10 days straight.

Based on above current options: March, 6, 7, 11 or 12.

Can the City fit in one of these days?

The field is narrowing.

Dave

Do It Safely or Not at All

Keams, David Project Manager CH2M HILL. One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937,220,2947 Fax — 937,228,7572 Cell — 937,272,6559

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From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Friday, February 21, 2014 2:44 PM

To: Kearns, David/DAY

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Here's Ohio EPA's availability:

March 6, 7, 10, 11, 13, 14

From: <u>Dave.Kearns@CH2M.com</u> [mailto:Dave.Kearns@CH2M.com]

Sent: Friday, February 21, 2014 2:28 PM

To: <u>James.Shoemaker@daytonohio.gov</u>; Ballinger, Tamara

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

I assume you are referring to the water level measurements, CORRECT?

Either day will work for HILL, need to know if it works for OEPA.

Dave

Do it Safely or Not at All

Keams, David Project Manager CH2M HILL One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937,220 2947 Fax - 937,228,7572

Cell -- 937.272.6559

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From: Shoemaker, James [mailto:James.Shoemaker@daytonohio.gov]

Sent: Friday, February 21, 2014 2:25 PM

To: Kearns, David/DAY

Subject: FW: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Dave - Does the 4th or 5th work?

From: Kinney, Keshia

Sent: Friday, February 21, 2014 9:56 AM

To: Shoemaker, James

Subject: Re: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

The 4th and 5th work best for us. The end of the week no so much so.

I will pass this information to Don and Jess.

On Feb 21, 2014, at 9:31 AM, "Shoemaker, James" < James. Shoemaker@daytonohio.gov> wrote:

Regarding the investigation wells 4th and 5th are good 6th and 7th are not. Keshia, how does it look for the early warning wells?

From: <u>Dave.Kearns@CH2M.com</u> [<u>mailto:Dave.Kearns@CH2M.com</u>]

Sent: Friday, February 21, 2014 9:22 AM

To: Shoemaker, James

Cc: hardin.erik@epa.gov; Tamara.McPeek@epa.ohio.gov; Kinney, Keshia Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Jim, CH2M HILL can accommodate the sampling effort by the City the week of March 3rd.

We need to discuss the "date" for the water levels. Feb 28 and March 3, aren't looking good due to scheduling conflicts and possible weather on March 3.

Per an email from Tammy earlier today, can the City assist with water levels after March 3rd. You have my cell number so call me anytime.

Thanks

Dave

Do it Safely or Not at All

Keams, David Project Manager CH2M HILL One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937,220 2947

Direct - 937.220.2947 Fax -- 937.228.7572 Cell -- 937.272.6559

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From: Shoemaker, James [mailto:James.Shoemaker@daytonohio.gov]

Sent: Friday, February 21, 2014 9:15 AM

notify me at one of the above contact numbers. Thank you.

To: Kearns, David/DAY

Cc: hardin.erik@epa.gov; Tamara.McPeek@epa.ohio.gov; Kinney, Keshia **Subject:** RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Dave - Right now, we can do the water levels either on either the 28th or the 3rd and I think the week of the 3rd works for sampling. Just need to know soon. Also, please include Keshia on the following e-mails as I am stuck in meetings today and you will want to work with her for the "MW" well sampling. Depending on the day, I may have to include assistance from our consultants so they will need to know as well.

Thanks. Hey, I appreciate the scheduling nightmare you're going through.

Jim

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Friday, February 21, 2014 8:54 AM

To: Tamara.McPeek@epa.ohio.gov

Cc: Shoemaker, James; hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Great look forward to setting the date.

Jim per our discussion yesterday, let us know what the City's schedule looks like.

Thanks

Dave

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Keams, David Project Manager CH2M HILL One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937.220.2947

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From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Friday, February 21, 2014 8:46 AM

To: Kearns, David/DAY

Cc: <u>jim.shoemaker@cityofdayton.org</u>; <u>hardin.erik@epa.gov</u>

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

I'll give you a call later today. I wouldn't mind waiting until after the 3rd because we would be more likely to get help from SIFU.

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Thursday, February 20, 2014 4:43 PM

To: Ballinger, Tamara

Cc: jim.shoemaker@cityofdayton.org; hardin.erik@epa.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

The City of Dayton folks can't do Feb 28th. March 3rd may present other difficulties. I have a call into Jim Shoemaker to discuss and also would like to discuss with you.

We would like to complete the depth to GW snapshot in a single day. After March 3rd may work better as CH will have 5 to 6 people available for at least an 8 day period.

CH2M HILL will be sampling March 3-March 13 and March 18-March 25.

I have attached two spreadsheets. "Table 1 Well and Sample Table" and "Behr Site Wells GW Snapshot June 27 2013oepa".

Table 1 lists the wells that I know we need OEPAs help to access (yellow highlights), there may be other wells in the DAP Janney Road or Commerce Park area that we may also need OEPAs assistance to access as I am not certain who controls access to these wells. CH2M HILL can perform the sampling.

The second table lists the wells that OPEA (you and Greg Brown) gauged during the 2013 Snapshot. Bill Batin also gauged wells but he gave me a hard copy which I will forward to you shortly.

I am working from my home office today and tomorrow, available via email or my cell 272-6559

Thanks

Dave

Do it Safely or Not at All

Keams, David Project Manager CH2M HiLL One South Main Street, Suite 1100 Dayton, OH 45402 Direct - 937,220,2947 Fax -- 937,228,7572

Cell -- 937.272.6559

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From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Thursday, February 20, 2014 3:03 PM

To: Kearns, David/DAY

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Greg Brown and I can help out. Bill and Tori are out of the office today. Unless something has changed since I talked to them last, they can't help on the 3rd. They changed to lock on the wells at EPS so we are working on getting new keys. Simclar won't give us keys so I will set it up to meet with their representative on the day we sample. Are there any OEPA properties I need to get permission for? Randy set this up last year, so I want to make sure I'm not missing anything.

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Wednesday, February 19, 2014 1:51 PM

To: Ballinger, Tamara; <u>James.Shoemaker@daytonohio.gov</u> **Cc:** hardin.erik@epa.gov; Aaron.Colson@daytonohio.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Still planning on Friday Feb 28 or on Monday March 3rd.

Are OEPA and the City still available these days? The well list will be basically the same as the last event. A new spreadsheet is being finalized.

Thanks

Dave

Do it Safely or Not at All

Kearns, David Project Manager CH2M HILL One South Main Street, Suite 1100 Daylon, OH 45402 Direct - 937,220,2947

Direct - 937,220,2947 Fax - 937,228,7572 Cell - 937,272,6559

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From: Ballinger, Tamara [mailto:Tamara.McPeek@epa.ohio.gov]

Sent: Wednesday, February 19, 2014 1:38 PM

To: Kearns, David/DAY; James.Shoemaker@daytonohio.gov

Cc: hardin.erik@epa.gov; Aaron.Colson@daytonohio.gov

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Hi Dave,

Have you figured out when the snapshot will take place?

Thanks, Tammy

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Monday, February 03, 2014 10:44 AM

To: <u>James.Shoemaker@daytonohio.gov</u>; Ballinger, Tamara **Cc:** <u>hardin.erik@epa.gov</u>; <u>Aaron.Colson@daytonohio.gov</u>

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Thanks Jim.

We are analyzing for VOCs only (8260). I am trying to pin down the day and will make every attempt to fit it into Feb. 28, March 3rd or 4th. OEPA (Bill Batin/Tori Sigler) are not available the week of the 3rd but are available the last week of February so if they are going to assist we may be able to gauge Feb. 28th. Need to confirm Terran's availability-working on that now.

We need the splits from the early warning MW wells. We can sample the "other City wells" we will just need access.

I will keep you posted.

Thanks

Dave

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Kearns, David Project Manager CH2M HiLL One South Main Street, Suite 1100 Daylon, OH 45402 Direct - 937.220.2947 Fax - 937.228,7572

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From: Shoemaker, James [mailto:James.Shoemaker@daytonohio.gov]

Sent: Monday, February 03, 2014 10:33 AM

To: Kearns, David/DAY; tamara.mcpeek@epa.ohio.gov

Cc: hardin.erik@epa.gov; Colson, Aaron L.

Subject: RE: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

Dave,

We are on board here. However, a few questions from our Water Supply & Treatment lab & sampling folks. Are you sampling for more than just VOCs (8260 or 524.2) in City wells? We will do our end-of-month water levels on Feb. 28th but can postpone to March 3rd or 4th (at the latest) if you can nail down

one of these 2 days. Also we would accommodate sampling by providing splits from our early warning wells (wells with an "MW" designation). For the other City wells you are welcome to sample on your own.

Jim

From: Dave.Kearns@CH2M.com [mailto:Dave.Kearns@CH2M.com]

Sent: Thursday, January 30, 2014 11:59 AM

To: Shoemaker, James; tamara.mcpeek@epa.ohio.gov

Cc: hardin.erik@epa.gov

Subject: Late Winter Regional GW Snapshot-Behr Dayton VOC Plume Site

I believe that since we have been in the BIG CHILL for weeks all of us may have a little cabin fever and need to get back outdoors. So to revitalize us what would be better than a regional GW snapshot event and a major groundwater sampling event the first of March?

USEPA is planning another major sampling event of up to 250 wells within the area shown on the attached figure for the first week of March 2014. As in the past and if possible we are requesting assistance from OEPA and the City of Dayton.

Will you be able to assist? The snapshot will be a one day event. CH2M HILL will be sampling over a 2-3 weeks period and we would like to obtain GW samples from City wells, OEPA wells and possibly other wells (some west of I-75 and Simclar wells.

I wanted to get this on the radar. We can discuss further.

Thanks

Dave

Do It Safely or Not at All

Kearns, David
Project Manager
CH2M HILL
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Dayton, OH 45402
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Fax - 937.228.7572
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